

IN THE CLAIMS:

1.-46. (Cancelled)

47. (Currently Amended) A reproduction apparatus comprising:

an acquire unit operable to acquire, from a recording medium, a video stream and
a graphics stream ~~including a data packet and a control packet,~~

the video stream including a video data,

5 the graphics stream including a data packet and a control packet,

the data packet including graphics data and a decode time stamp and a first
presentation time stamp, the decode time stamp indicating a start time of a process for decoding
of the graphics data, the first presentation time stamp indicating an end time of the process of
decoding,

10 the control packet including a second presentation time stamp indicating a
presentation time which is at or after the end time;

a video decoder operable to decode the video data and to write the decoded video
data in a video plane;

a processor operable to

15 (i) start a process for decoding the graphics. data at the start time, and

(ii) end the process by the end time; [[and]]

a controller operable to write the decoded graphics data in a graphics plane by the
presentation time, the graphics plane being an area where the graphics data is rendered; and

20 an adder operable to add the video data in the video plane and graphics data in the
graphics plane.

48. (Currently Amended) A reproduction method reproduced by a reproduction apparatus including a video decoder, a video plane, a processor, ~~[[and]]~~ a controller, a graphics plane and an adder, the reproduction method comprising:

acquiring, from a recording medium, a video stream and a graphics stream
5 including ~~a data packet and a control packet~~,

the video stream including a video data,

the graphics stream including a data packet and a control packet.

the data packet including graphics data and a decode time stamp and a first presentation time stamp, the decode time stamp indicating a start time of a process for decoding
10 of the graphics data, the first presentation time stamp indicating an end time of the process of decoding,

the control packet including a second presentation time stamp indicating a presentation time which is at or after the end time;

decoding the video data, performed by the video decoder;

15 writing the decoded video data in a video plane, performed by the video decoder;

starting a process, performed by the processor, for decoding the graphics data at the start time;

ending the process by the end time, ~~[[and]]~~

writing, performed by the controller, the decoded graphics data in ~~[[a]]~~ the
20 graphics plane by the presentation time, the graphics plane being an area where the graphics data is rendered; and

adding, performed by the adder, the video data in the video plane and graphics data in the graphics plane.

49. (Currently Amended) A recording medium having recorded thereon a video stream and a graphics stream, the video stream and the graphics stream being reproduced by a reproduction apparatus including a video decoder, a video plane, a processor, [[and]] a controller, a graphics plane and an adder, wherein

5 the video stream includes a video data, and
 the video data is decoded and written in the video plane, performed by the video decoder, and

 the graphics stream includes a data packet and a control packet, and

 the data packet includes graphics data and a decode time stamp and a first
10 presentation time stamp, and

 the decode time stamp indicates a start time of a process, performed by the processor, for decoding of the graphics data, and

 the first presentation [[tune,]] stamp indicates an end time of the process of decoding, performed by the processor, and

15 the control packet includes a second presentation time stamp, and

 the second presentation time stamp indicates a presentation time which is at or after the end time ~~of the process~~, and an end time of writing, performed by the controller, the decoded graphics data in a graphics plane, the graphics plane being an area where the graphics data is rendered, and

20 the video data in the video plane and the graphics data in the graphics plane are added, performed by the adder.

50. (Currently Amended) A recording apparatus for recording a video stream and a graphics stream on a recording medium, the video stream and the graphics stream being reproduced[[,]] by a reproduction apparatus including a video decoder, a video plane, a processor, [[and]] a controller, a graphics plane and an adder, wherein

5 the video stream includes a video data, and
the video data is decoded and written in the video plane, performed by the video decoder, and

 the graphics stream includes a data packet and a control packet, and

 the data packet includes graphics data and a decode time stamp and a first
10 presentation time stamp, and

 the decode time stamp indicates a start time of a process, performed by the processor, for decoding of the graphics data, and

 the first presentation time stamp indicates an end time of the process of decoding performed by the processor, and

15 the control packet includes a second presentation time stamp, and

 the second presentation time stamp indicates a presentation time which is at or after the end time ~~of the process~~, and an end time of writing, performed by the controller, the decoded graphics data in [[a]] the graphics plane, the graphics plane being an area where the graphics data is rendered, and

20 the video data in the video plane and the graphics data in the graphics plane are added, performed by the adder.

51. (Currently Amended) A recording method for recording a video stream and a graphics stream on a recording medium, the video stream and the graphics stream being[[,]] reproduced by a reproduction apparatus including a video decoder, a video plane, a processor, [[and]] a controller, a graphics plane and an adder wherein the recording method comprising:

5 a step of generating the graphics stream;
 a step of multiplexing a video stream with the graphics stream; and
 a step of acquiring the recording medium having recorded thereon a digital stream
10 that is obtained by the multiplexing, wherein

the video stream includes a video data, and
10 the video data is decoded and written in the video plane, performed by the video
 decoder, and

 the graphics stream includes a data packet and a control packet, and
 the data packet includes graphics data and a decode time stamp and a first
presentation time stamp, and

15 the decode time stamp indicates a start time of a process of decoding, performed
by the processor, for decoding of the graphics data, and

 the first presentation time stamp indicates an end time of the process, performed
by the processor, and

 the control packet includes a second presentation time stamp, and

20 the second presentation time stamp indicates a presentation time which is at or
after the end time of ~~the process~~, and an end time of writing, performed by the controller, the
decoded graphics data in ~~[[a]]~~ the graphics plane, the graphics plane being an area where the
graphics data is rendered, and
the video data in the video plane and the graphics data in the graphics plane are
25 added, performed by the adder.